

Ink-Jet Printing Receiving Sheet Comprising Gelatin And A Metal Salt

CLAIMS

- 5 1. An ink jet receiving sheet comprising a support and at least an ink receiving layer containing a binder selected from the group consisting of gelatin and gelatin derivatives, characterized in that said receiving layer comprises at least a salt of a metal selected from the IIA or IIB groups of the periodic table of elements or complexes which comprise said metal salts and in that said receiving sheet has a surface pH value lower than 5.0.
- 10 2. The ink jet receiving sheet according to claim 1, characterized in that said receiving layers totally comprise a gelatin amount ranging from 1 to 20 g/m².
- 15 3. The ink jet receiving sheet according to claim 1, characterized in that said metal is selected from the group consisting of calcium, magnesium, zinc and barium.
- 20 4. The ink jet receiving sheet according to claim 1, characterized in that said metal salt is an inorganic salt.
5. The ink jet receiving sheet according to claim 1, characterized in that said metal salt is selected from the group consisting of magnesium sulfate, magnesium nitrate, calcium sulfate, calcium nitrate, zinc sulfate, zinc nitrate and barium chloride.
- 25 6. The ink jet receiving sheet according to claim 1, characterized in that said receiving layers totally comprise an amount of said metal salt in the range from 0.05 to 2.0 g/m².

5 8. The ink jet receiving sheet according to claim 1, characterized in that said receiving layers comprise at least one saccharide selected from the group consisting of monosaccharides, oligosaccharides, and polysaccharides.

9. ~~The ink jet receiving sheet according to claim 1, cha~~
~~receiving sheet comprises at least two ink receiving layers coa~~
~~of the support, and in that both ink receiving layers nearest to~~
~~prise a metal salt amount ranging from 0.025 to 1 g/m².~~

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